

CLAIMS

What is claimed is:

- 1 *sub 1* 1. A system that can be used to perform an  
2 ophthalmic procedure on a cornea of a patient, comprising:  
3 a patient support that can support the patient;  
4 a light source that can direct a light beam onto the  
5 cornea of the patient; and,  
6 an air flow module that can direct a flow of air above  
7 the cornea of the patient.  
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9  
10 2. The system of claim 1, further comprising a  
11 portable stand that supports said airflow module.  
12  
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14 3. The system of claim 1, further comprising a control  
15 console that is coupled to said airflow module.  
16  
17  
18 4. The system of claim 1, wherein said patient support  
19 includes a table.

1 5. The system of claim 1, wherein said light source  
2 includes a laser.

1 6. The system of claim 1, wherein said airflow module  
2 create a laminar flow of air.

1 *B1* 7. The system of claim 1, wherein said airflow module  
2 includes an adjustable blade.

1 8. A system that can be used to perform an ophthalmic  
2 procedure on a cornea of a patient, comprising:

3 a patient support that can support the patient;

4 a laser that can direct a light beam onto the cornea of  
5 the patient;

6 an air flow module that can direct a flow of air above  
7 the cornea of the patient;

8 a portable stand that supports said air flow module;

9 and,

10 a control console that is coupled to said airflow  
11 module.

1 9. The system of claim 8, wherein said patient support  
2 includes a table.

1 10. The system of claim 8, wherein said airflow module  
2 create a laminar flow of air.

B/ 1 11. The system of claim 8, wherein said airflow module  
2 includes an adjustable blade.

1 12. A method for performing an ophthalmic procedure on  
2 a cornea of a patient, comprising:

3 directing a flow of air across the cornea;

4 creating a flap in the cornea;

5 moving the flap to expose a portion of the cornea;

6 ablating a portion of the exposed cornea with a laser

7 beam; and,

8 moving the flap back onto the cornea.

1 13. The method of claim 12, further comprising

2 adjusting a flowrate of the flow of air.

1 14. The method of claim 12, further comprising

2 adjusting a direction of the flow of air.

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